



**INFORMATION CITED BY APPLICANTS THAT MAY BE MATERIAL  
TO THE PROSECUTION OF THE SUBJECT APPLICATION**

Applicants: Gregory A. Demopoulos et al. Attorney Docket No: CH.1.0018.US2  
Serial No: 10/031,546 Group Art Unit: 1615  
Filed: January 18, 2002 Examiner: Micah Paul Young  
Title: SOLUTIONS AND METHODS FOR INHIBITION OF PAIN, INFLAMMATION  
AND CARTILAGE DEGRADATION

**U.S. PATENT DOCUMENTS**

*Examiner Initial	ID	Document No.	Date	Name
<u>MSK</u>	U873	5,886,026	03/03/1999	Hunter et al.
<u>1</u>	U874	US 6,689,803 B2	02/10/2004	Hunter

Micah Paul Young 4/30/06  
Examiner Date Considered

\*Examiner: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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**OTHER INFORMATION**  
**(Including Author, Title, Date, Pertinent Pages, Etc.)**

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<u>Me</u>	O00549	Taskiran, D., et al. "Nitric oxide mediates suppression of cartilage proteoglycan synthesis by interleukin-1," <i>Biochem Biophys Res Commun</i> 200(1):142-8 (1994). Abstract only
<u> </u>	O00727	Studer, R., et al., "Nitric oxide in osteoarthritis," <i>Osteoarthritis and Cartilage</i> 7:377-379 (1999).
<u> </u>	O00728	Blanco Garcia, F.J., "Catabolic events in osteoarthritic cartilage," <i>Osteoarthritis and Cartilage</i> 7:308-309 (1999).
<u> </u>	O00844	van den Berg, W.B., et al, "Tissue Engineering, Cells, Scaffolds, and Growth Factors: Growth Factors and Cartilage Repair," <i>Clinical Orthopaedics and Related Research</i> 391S:S244-S250 (2001).
<u> </u>	O01280	Neumann, E., et al., "Inhibition of cartilage destruction by double gene transfer of IL-1Ra and IL-10 involves the activin pathway," <i>Gene Therapy</i> 9:1508-1519 (2002).
<u> </u>	O01325	Henrotin, Y. et al., "Anabolic events in osteoarthritis," <i>Osteoarthritis and Cartilage</i> 7:310-312 (1999).

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- O01697 Haupt, J.L., et al., "Dual transduction of insulin-like growth factor-I and interleukin-1 receptor antagonist protein controls cartilage degradation in an osteoarthritic culture model," *Journal of Orthopaedic Research* 23:118-126 (2005).
- O01733 Studer, R.K., et al., "Chondrocyte response to growth factors is modulated by p38 mitogen-activated protein kinase inhibition," *Arthritis Research & Therapy* 6(1):R56-R64 (2004).
- O01734 Studer, R.K., et al., "p38 MAPK and COX2 inhibition modulate human chondrocyte response to TGF- $\beta$ ," *Journal of Orthopaedic Research* 23:454-461 (2005).
- O01735 Studer, R.K., et al., "Nitric oxide inhibition of IGF-1 stimulated proteoglycan synthesis: role of cGMP," *Journal of Orthopaedic Research* 21:914-921 (2003).
- O01745 Studer, R.K., et al., "Nitric oxide inhibits chondrocyte response to IGF-1: inhibition of IGF-IR $\beta$  tyrosine phosphorylation," *Am J Physiol Cell Physiol* 279:C961-C969 (2000).

Michael Paul Jones  
Examiner

4/25/01  
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	O1752	Blanco, F.J., et al., "IL-1-Induced Nitric Oxide Inhibits Chondrocyte Proliferation via PGE <sub>2</sub> ," <i>Experimental Cell Research</i> <b>218</b> :319-325 (1995).

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